



PNEULINE FEATURED PRODUCTS

Pneuline offers a growing selection of products manufactured inhouse. From Bulkheads to Barbed Connectors. Check Valves to Filters. Luers to our new self-closing valves, Pneuline has a host of growing products.



PSSV SERIES | SELF-CLOSING CHECK VALVES

Our **PSSV Series, Self-sealing Check Valves**, are made from either Polycarbonate or Polypropylene with Barb connector sizes of 3/16 inch or 5/16 inch. Product is made in a class 8 clean-room. The seal is a retractable silicone disk that prevents backflow in a number of air and liquid applications making it an ideal option for the Medical Industry. Open pressure is approximately .20 PSI

SKU	Description
PSSV-3B-PP	3/16 inch by 3/16 inch Polypropylene Barbed Self-Sealing Check Valve
PSSV-3B-PC	3/16 inch by 3/16 inch Polycarbonate Barbed Self-Sealing Check Valve
PSSV-5B-PP	5/16 inch by 5/16 inch Polypropylene Barbed Self-Sealing Check Valve
PSSV-5B-PC	5/16 inch by 5/16 inch Polycarbonate Barbed Self-Sealing Check Valve
PSSV-5B3B-PP	5/16 inch by 3/16 inch Polypropylene Barbed Self-Sealing Check Valve
PSSV-5B3B-PC	5/16 inch by 3/16 inch Polycarbonate Barbed Self-Sealing Check Valve



MPV-L SERIES | MEDICAL GRADE LUER CHECK VALVES

Our MPV Luer Series Medical Grade Plastic Check Valves are manufactured, assembled, produced, 15 psi tested, and pre-packaged in a Class 7 Cleanroom environment

Check valves Made of: Polypropylene, Polycarbonate, Radiation-Stable Polycarbonate, and Kynar 720®.

4 Main Connector Options: Male Inlet Luer with Rotating Collar to Female Luer, Male Inlet Rotating Collar to Male Rotating Collar, Female Inlet Luer Lock to Female Luer Lock, Female Inlet Luer Lock to Male Slip, Barb to ***

Diaphragm options: Silicone

Flow Direction: Inlet to Outlet

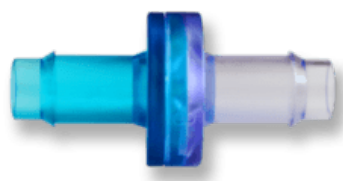
***Custom Options: These Luers can be manufactured to fit with any of our Barb Connectors on the opposing end.

Barb Size options: 1/8 inch, 3/16 inch, 1/4 inch, 5/16 inch, 3/8 inch

MPV-L Series Product List

SKU	Description
MPV-FLL-PC-S	IN: Female Luer OUT: Female Luer
MLLR-PC-S	IN: Male Luer OUT: Male Luer w/Rotating Collar
FLL-MLLR-PC-S	IN: Female Luer OUT: Male Luer w/ Rotating Collar
MLLR-FLL-PC-S	IN: Male Luer Out: Female Luer

MPV SERIES | MEDICAL GRADE CHECK VALVES



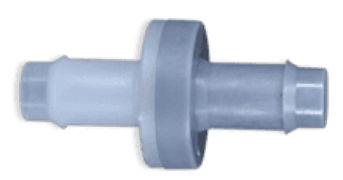
MPV Series Medical Grade Check Valves are manufactured and tested in a Class 7 Cleanroom environment making them ideal for medical applications. All cleanroom check valves are tested in our clean room environments at 15 PSI. Resin options include: Nylon, Polypropylene, Polycarbonate, Radiation-stable Polycarbonate, and Kynar® 720. Other custom resins are available at the customer’s request. Sizes Available: 3/16 inch, 5/16 inch, and 3/8 inch high flow. Diaphragms are made of Silicone USP Class VI or FDA Viton®. Our custom molding options allow for customer specific needs or requirements which include resin options as well as diaphragm options.

[Download](#) the MPV Series Flyer

Medical Grade Plastic Diaphragm Check Valves

SKU	Description
MPV-2B-NS	1/8 Barb Nylon / FDA Silicone Check Valve
MPV-2B-PCS	1/8 Barb Polycarbonate / Natural FDA Silicone Check Valve
MPV-3B-PCS	3/16 Barb Polycarbonate / Silicone .020 VI Check Valve
MPV-4B-KS	1/4 Barb Standard PVDF/ Silicone Check Valve
MPV-6B-KS	3/8 Barb PVDF / USP Class VI Silicone Check Valve
MPV-6B-PCRS	3/8 Barb Polycarbonate / Silicone USP class VI Check Valve

MPV SERIES | INDUSTRIAL GRADE CHECK VALVES



These MPV Series Industrial Grade Plastic Diaphragm Check Valves are Manufactured by Pneuline Supply and used in a variety of industries such as: Printing, Robotics, Waste Water, chemical applications, lab and industrial applications. Our custom molding options allow for customer specific needs or requirements which include resin options, connector variations, diaphragm selections, and custom laser marking. To make your product unique, we offer custom laser marking for company brand or for identification purposes I.E. part number sequencing, lot numbers.

Resin options include: Kynar® 720 PVDF, Acetal, Nylon, Glass-filled Nylon, Polypropylene, . Other custom resins are available at the customer’s request.

Barbed connectors are available in: 1/8 inch, 3/16 inch, and 1/4 inch standard flow or 1/4 inch, 5/16 inch, and 3/8 inch high flow.

Diaphragms are made of Fluorosilicone, EPDM, Viton®, or Kalrez® FFKM

SKU	Description
MPV-2B-KK	1/8 Barb PVDF / Kalrez® Check Valve

SKU	Description
MPV-2B-KV	1/8 Barb PVDF / FKM Check Valve
MPV-2B-NF	1/8 Barb Nylon / Fluorosilicone Check Valve
MPV-2B-NV	1/8 Barb Nylon / FKM Check Valve
MPV-3B-AF	3/16 Barb Acetal / Fluorosilicone Check Valve
MPV-3B-KV	3/16 Barb PVDF / FKM Check Valve
MPV-3B-NF	3/16 Barb Nylon / Fluorosilicone Check Valve
MPV-3B-NV	3/16 Barb Nylon / FKM Check Valve
MPV-3B-PF	3/16 Barb Polypropylene / Fluorosilicone Check Valve
MPV-3B-PV	3/16 Barb Polypropylene / FKM Check Valve
MPV-4B-HKK	1/4 Barb Hi-Flow PVDF / Kalrez Check Valve
MPV-4B-HKV	1/4 Barb Hi-Flow PVDF / FKM Check Valve
MPV-4B-HNF	1/4 Barb Hi-Flow Nylon / Fluorosilicone Check Valve
MPV-4B-HNV	1/4 Barb Hi-Flow PVDF / FKM Check Valve
MPV-4B-KV	1/4 Barb Standard Flow PVDF / FKM Check Valve
MPV-4B-NF	1/4 Barb Nylon / Fluorosilicone
MPV-4B-NV	1/4 Barb Nylon / FKM Check Valve
MPV-4B-PF	1/4 Barb Polypropylene / Fluorosilicone Check Valve
MPV-4B-PV	1/4 Barb Polypropylene / FKM Check Valve
MPV-5B-AF	5/16 Barb Acetal / Fluorosilicone Check Valve
MPV-5B-KK	5/16 Barb PVDF / Kalrez® Check Valve
MPV-5B-KV	5/16 Barb PVDF / FKM Check Valve
MPV-5B-NF	5/16 Barb Nylon / Fluorosilicone Check Valve
MPV-5B-NV	5/16 Barb Nylon / FKM Check Valve
MPV-6B-KV	3/8 Barb PVDF /FKM Check Valve
MPV-6B-NF	3/8 Barb Nylon / Fluorosilicone Check Valve
MPV-6B-NV	3/8 Barb Nylon / FKM Check Valve



MPV SERIES | FOOD & BEVERAGE GRADE CHECK VALVES

These Potable NSF 51/62 Approved Diaphragm Check Valves are Food & Beverage safe. These valves are made without grease or oil making also making them ideal for laboratory applications. Housing body material options include: POM and PVDF. Diaphragm options are: EPDM and Santoprene™ disks. Sizes we offer include 1/8, 3/16, 1/4, 5/16, and 3/8 valves.

[Download The Flyer](#)

NSF Rated Plastic Diaphragm Check Valves NSF 51/61 Approved Check Valves



MPV SERIES | AUTOMOTIVE GRADE CHECK VALVES

Pneuline Supply manufactures Plastic Check Valves that are ideal for Automotive applications. Inlets are made of either Natural Nylon or Glass-Filled Natural Nylon. Outlets are made of either Black Nylon or Glass-Filled Black Nylon. The Barbed connectors are available in: 1/8 inch, 3/16 inch, and 1/4 inch Standard Flow or 1/4 inch, 5/16 inch, and 3/8 inch High Flow. Diaphragms are made of either Fluorosilicone or EPDM. Customer specific unique laser part marking is available for identifiers such as: Part number sequencing, Lot number, or Company name.

Automotive Grade Plastic Diaphragm Check Valves that are ideal for Automotive applications made of either Natural Nylon or Glass-Filled Natural Nylon.

SKU	Description
MPV-2B-NE	1/8 Barb Nylon / EPDM Check Valve
MPV-2B-NF	1/8 Barb Nylon / Fluorosilicone Check Valve
MPV-3B-NE	3/16 Barb Nylon / EPDM Check Valve
MPV-3B-NF	3/16 Barb Nylon / Fluorosilicone Check Valve
MPV-3B-PE	3/16 Barb Polypropylene / EPDM Check Valve
MPV-4B-HKE	1/4 Barb Hi-Flow PVDF / EPDM Check Valve
MPV-4B-NE	1/4 Barb Hi-Flow Nylon / EPDM Check Valve
MPV-4B-NF	1/4 Barb Nylon / Fluorosilicone Check Valve
MPV-5B-NE	5/16 Barb Hi-Flow Nylon / EPDM Check Valve
MPV-5B-NF	5/16 Barb H-Flow Nylon / Fluorosilicone Check Valve

SKU	Description
MPV-5B-R530-E	5/16 Barb High-Flow Glass-Filled Nylon / EPDM Check Valve
MPV-6B-NE	3/8 Barb High-Flow Nylon / EPDM Check Valve
MPV-6B-NF	3/8 Barb Hi-Flow Nylon / Fluorosilicone Check Valve
MPV-6B-R530-E	3/8 Barb High-Flow Glass-Filled Nylon / EPDM Check Valve

LD SERIES | LAB DISCONNECTS



Pneuline Supply, Inc. manufactures these low pressure Lab Disconnects made from either Polyethylene or Polypropylene which are used in laboratories for vacuum application, low pressure lines, water lines, and inert gases. They connect various tubing sizes from 1/8 inch, 7/32 inch, 1/4 inch, and .170 ID tube lines. They can be purchased with a Viton® or EPDM disc Check Valve, or with a porous Polyethylene filter. A unique pick-up tube line assembly for use in drawing air or water from containers is also available.

SKU	Description
LD-F-LDPE	Female LDPE Lab Disconnect
LD-F-PP	Female Polypropylene Lab Disconnect
LD-F-LDPE	Male/Female LDPE Complete Lab Disconnect
LD-M-LDPE	Male LDPE Lab Disconnect
LD-M-NB-PP	Male No-Barb Polypropylene Lab Disconnect

GEN1 SERIES BARBED FITTINGS



GEN1 Series, manufactured by Pneuline, are single barbed plastic fittings without a parting line on the barb. These can be molded from:

- Natural Nylon * NN
- White Nylon * WN
- Black Nylon BN
- Glass-Filled Black Nylon GFBN
- PVDF USP Class 6 * PVDF Available in Gray.
- Natural Polypropylene USP Class 6 * NP
- Acetal NSF 51/61 * AC
- High Density Polyethylene HDPE
- Polycarbonate USP Class 6 * PC

Radiation Stable Polycarbonate * RSPC

Other materials are available to comply to customer specifications and requirements. Available in Tees, Elbows and Straight connections. * Items can be run in a class 7 clean room environment.

Some materials have specific characteristics such as:

- Black Nylon is UV resistant, making it good for outdoor use.
- Glass-Filled Nylon is stronger than regular nylon and doesn't absorb liquids, making it good for use where water is prevalent. Glass-Filled Nylon is also good for outdoor motor vehicles, such as motorcycles, boats, and cars.
- PVDF, Polypropylene, and Polycarbonate are all Class 6 USP and are good for medical and bio-pharmaceutical applications. These materials are bovine free.
- Acetal is NSF 51/61 listed and can be used for potable water and food applications.

The GEN1 Series is available in Elbow, Tee, and Straight configurations with barb sizes of: 1/16, 1/8, 3/16 inch, 1/4 inch, 3/8 inch.

[View our Flyer Here](#)

SKU	Description
GEN1-T-1B	1/16 inch Single Barb Tee
Gen1-T-2B	1/8 inch Single Barb Tee
Gen1-T-3B	3/16 Single Barb Tee
GEN1-T-4B	1/4 inch Single Barb Tee
GEN1-T-6B	3/8 inch Single Barb Tee
Gen1-L-1B	1/16 inch Barbed Elbow
Gen1-L-2B	1/8 Inch Barbed Elbow
GEN1-L-3B	3/16 inch Single Barb Elbow
GEN1-L-4B	1/4 inch Single Barb Elbow
GEN1-L-6B	3/8 inch Single Barb Elbow
Gen1-S-1B	1/16 Inch Single Barb Straight
Gen1-S-2B	1/8 inch Single Barb Straight
GEN1-S-3B	3/16 inch Single Barb Straight
GEN1-S-4B	1/4 inch Single Barb Straight
GEN1-S-6B	3/8 inch Single Barb Straight

SKU	Description	Description
Fitting for tube ID	Natural PVDF	Gray PVDF
GEN1-T-1B NK	1/16 inch Single Barb Tee PVDF	1/16 inch Single Barb Tee GK
Gen1-T-2B NK	1/8 inch Single Barb Tee PVDF	1/8 inch Single Barb Tee GK
Gen1-T-3B NK	3/16 Single Barb Tee PVDF	3/16 Single Barb Tee GK
GEN1-T-4B NK	1/4 inch Single Barb Tee PVDF	1/4 inch Single Barb Tee GK
GEN1-T-6B NK	3/8 inch Single Barb Tee PVDF	3/8 inch Single Barb Tee GK
Gen1-L-1B NK	1/16 inch Barbed Elbow PVDF	1/16 inch Barbed Elbow GK
Gen1-L-2B NK	1/8 Inch Barbed Elbow PVDF	1/8 Inch Barbed Elbow GK

SKU	Description	Description
GEN1-L-3B NK	3/16 inch Single Barb Elbow PVDF	3/16 inch Single Barb Elbow GK
GEN1-L-4B NK	1/4 inch Single Barb Elbow PVDF	1/4 inch Single Barb Elbow GK
GEN1-L-6B NK	3/8 inch Single Barb Elbow PVDF	3/8 inch Single Barb Elbow GK
Gen1-S-1B NK	1/16 Inch Single Barb Straight PVDF	1/16 Inch Single Barb Straight GK
Gen1-S-2B NK	1/8 inch Single Barb Straight PVDF	1/8 inch Single Barb Straight GK
GEN1-S-3B NK	3/16 inch Single Barb Straight PVDF	3/16 inch Single Barb Straight GK
GEN1-S-4B NK	1/4 inch Single Barb Straight PVDF	1/4 inch Single Barb Straight GK
GEN1-S-6B NK	3/8 inch Single Barb Straight PVDF	3/8 inch Single Barb Straight GK

SKU	Description	Description	Description	Description
Fitting for tube ID	Natural Nylon NN	White Nylon WN	Black Nylon BN	30% Glass Filled Black Nylon GFBN
GEN1-T-1B	1/16 inch Single Barb Tee NN	1/16 inch Single Barb Tee WN	1/16 inch Single Barb Tee BN	1/16 inch Single Barb Tee GFBN
GEN1-T-2B	1/8 inch Single Barb Tee NN	1/8 inch Single Barb Tee WN	1/8 inch Single Barb Tee BN	1/8 inch Single Barb Tee GFBN
GEN1-T-3B	3/16 Single Barb Tee NN	3/16 Single Barb Tee WN	3/16 Single Barb Tee BN	3/16 Single Barb Tee WN
GEN1-T-4B	1/4 inch Single Barb Tee NN	1/4 inch Single Barb Tee WN	1/4 inch Single Barb Tee BN	1/4 inch Single Barb Tee GFBN
GEN1-T-6B	3/8 inch Single Barb Tee NN	3/8 inch Single Barb Tee WN	3/8 inch Single Barb Tee BN	3/8 inch Single Barb Tee GFBN
GEN1-L-1B	1/16 inch Barbed Elbow NN	1/16 inch Barbed Elbow WN	1/16 inch Barbed Elbow BN	1/16 inch Barbed Elbow GFBN
GEN1-L-2B	1/8 Inch Barbed Elbow NN	1/8 Inch Barbed Elbow WN	1/8 Inch Barbed Elbow BN	1/8 Inch Barbed Elbow GFBN
GEN1-L-3B	3/16 inch Single Barb Elbow NN	3/16 inch Single Barb Elbow WN	3/16 inch Single Barb Elbow BN	3/16 inch Single Barb Elbow GFBN
GEN1-L-4B	1/4 inch Single Barb Elbow NN	1/4 inch Single Barb Elbow WN	1/4 inch Single Barb Elbow BN	1/4 inch Single Barb Elbow GFBN
GEN1-L-6B	3/8 inch Single Barb Elbow NN	3/8 inch Single Barb Elbow WN	3/8 inch Single Barb Elbow BN	3/8 inch Single Barb Elbow GFBN
GEN1-S-1B	1/16 Inch Single Barb Straight NN	1/16 Inch Single Barb Straight WN	1/16 Inch Single Barb Straight BN	1/16 Inch Single Barb Straight GFBN
Gen1-S-2B	1/8 inch Single Barb Straight NN	1/8 inch Single Barb Straight WN	1/8 inch Single Barb Straight BN	1/8 inch Single Barb Straight GFBN
GEN1-S-3B	3/16 inch Single Barb Straight NN	3/16 inch Single Barb Straight WN	3/16 inch Single Barb Straight BN	3/16 inch Single Barb Straight GFBN
GEN1-S-4B	1/4 inch Single Barb Straight NN	1/4 inch Single Barb Straight WN	1/4 inch Single Barb Straight BN	1/4 inch Single Barb Straight GFBN
GEN1-S-6B	3/8 inch Single Barb Straight NN	3/8 inch Single Barb Straight WN	3/8 inch Single Barb Straight BN	3/8 inch Single Barb Straight GFBN



C-342-6 SERIES | STRAINER

Barbed strainer



4F4B SERIES | PLASTIC CONNECTOR

The 4F4B Series is an NPT to 1/4" Barbed Plastic Connector is available in either Kynar or HDPE.

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